Title (en)
A method and apparatus for implementing a long-term synthesis filter.

Title (de)
Verfahren und Vorrichtung zum Einbau eines langterm Synthesefilters.

Title (fr)
Procédé et dispositif pour accomplir un filtre à synthèse à long terme.

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EP 0623916 A1 19941109 (EN)

Application
EP 94303292 A 19940506

Priority
FI 932049 A 19930506

Abstract (en)
The description pertains to a synthesis filter, which models the effect of the fundamental frequency of speech, for digital speech coders operating on the analysis-by-synthesis principle. By means of the invention it is possible also to model such high fundamental frequencies as have a shorter corresponding cycle length than the frame length employed in the analysis-by-synthesis method. The filter construction according to the invention furthermore involves the use of a number of parallel separately adaptable synthesis memory blocks. This permits the use as an excitation signals that have been stored in memory several frames earlier. <IMAGE>

IPC 1-7
G10L 7/04; G10L 9/14; G10L 5/00

IPC 8 full level
G10L 13/00 (2006.01); G10L 19/08 (2013.01); H03H 17/02 (2006.01); H03H 21/00 (2006.01); H04B 3/04 (2006.01)

CPC (source: EP US)
G10L 19/08 (2013.01 - EP US); G10L 19/09 (2013.01 - EP US); H03H 21/0012 (2013.01 - EP US); G10L 25/90 (2013.01 - EP US)

Citation (applicant)
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